

Terylene. Part 1. Synthesis of Terephthalic Acid,
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<p>Akiyoshi, Saburo, Hashimoto, Shizunobu, and Takami, Kazuhide.</p> <p>SYNTHESIS OF TEREPHTHALIC ACID POLYAMIDES.</p> <p>Rept. 3 of Studies on Synthetic High Polymers from Terephthalic Acid and Its Derivatives. [1960] [11 p.]</p> <p>15 refs.</p> <p>Order from SLA mi\$2.40, ph\$3.30 61-10491</p> <p>Trans. of Kogyo Kagaku Zasshi (Japan) 1954, v. 57, no. 3, p. 212-214.</p> <p>Ethylenediamine, tetramethylenediamine, hexamethylenediamine, octamethylenediamine and decamethylenediamine were synthesized and polymerized with terephthalic acid. The best method for obtaining polyamides was to react terephthalic acid with the diamine in water and condense the resulting diamine ammonium terephthalate in p-cresol at 218°C. Spinnability was demonstrated from hexamethylenediamine on, and products with a high degree of polymerization were obtained. The melting points ranged between 300° to (Materials--Textiles, TT, v. 5, no. 10) (over)</p>	<p>61-10491</p> <p>1. Amide polymers--Synthesis 2. Terephthalic acid--Condensation 3. Amines--Condensation I. Akiyoshi, S. II. Hashimoto, S. III. Takami, K. IV. Title: Studies...</p> <p>Office of Technical Services</p>
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TT-65-14027

Field 7C

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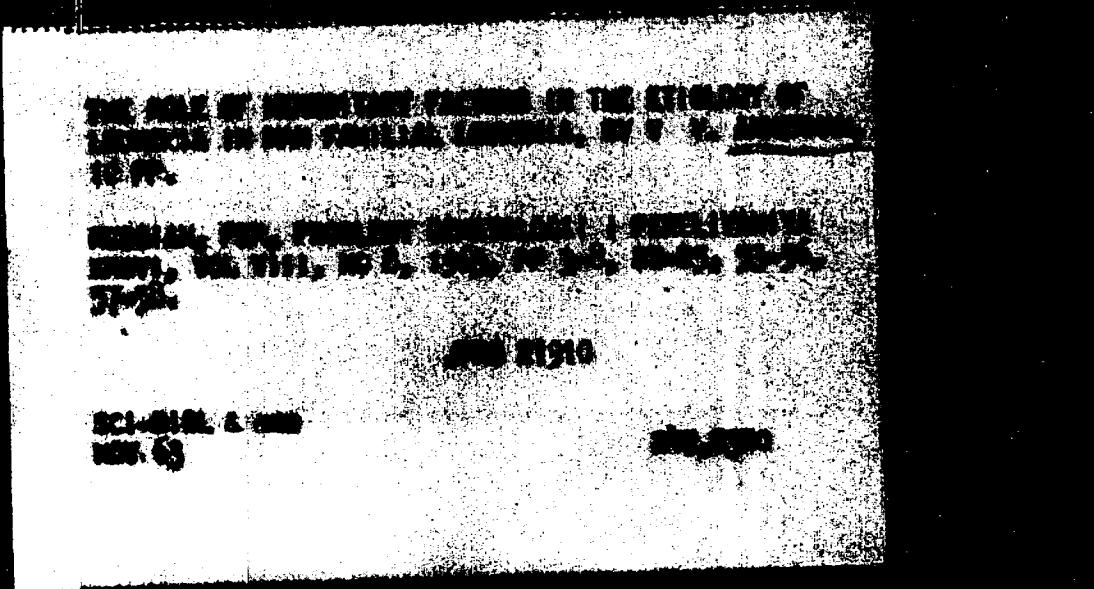
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CIA-RDP91-00929R000100320039-4



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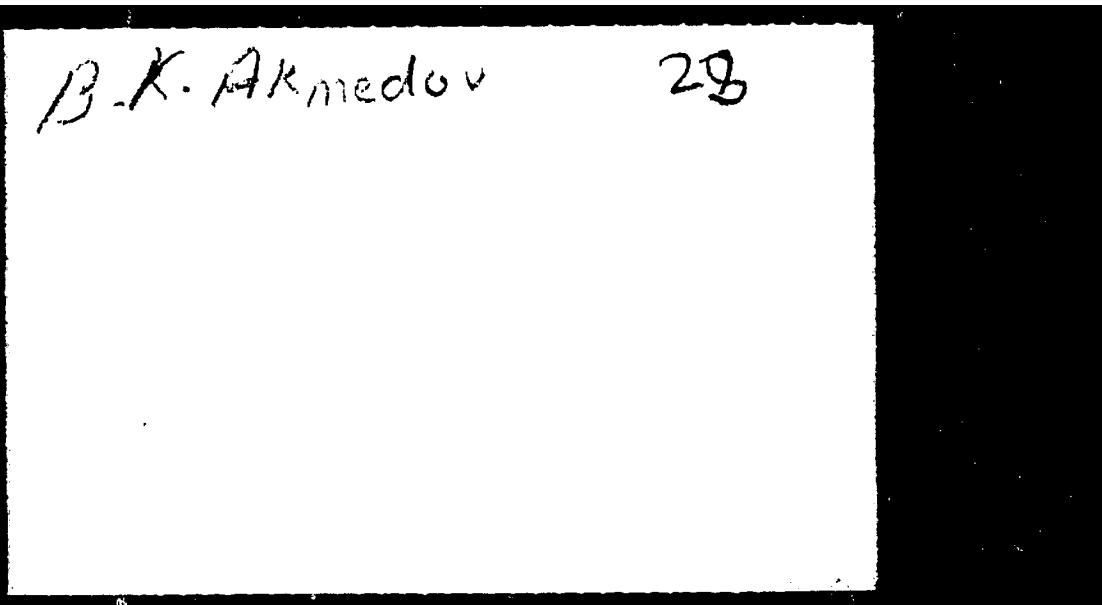
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